

FIG. 1

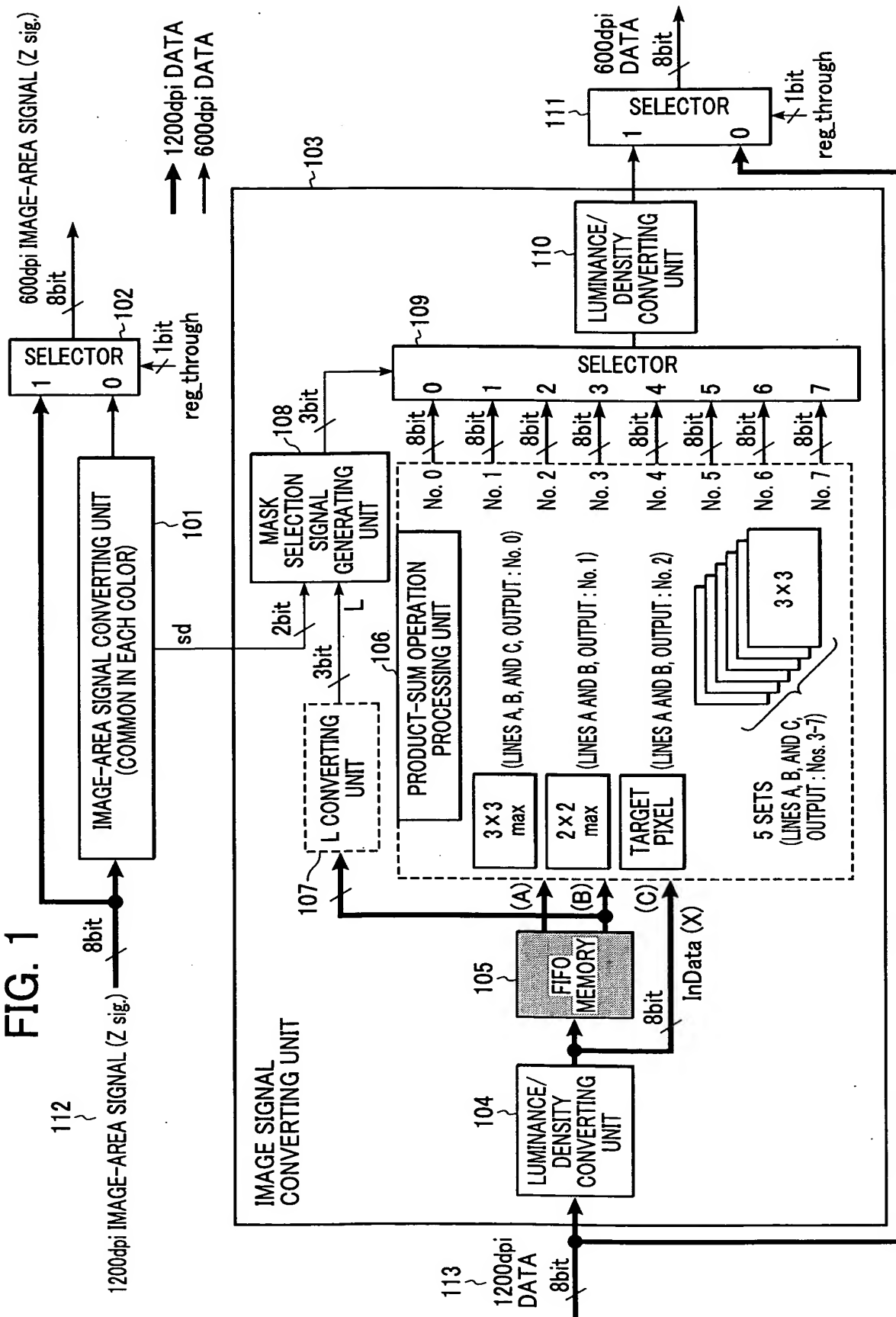


FIG. 2

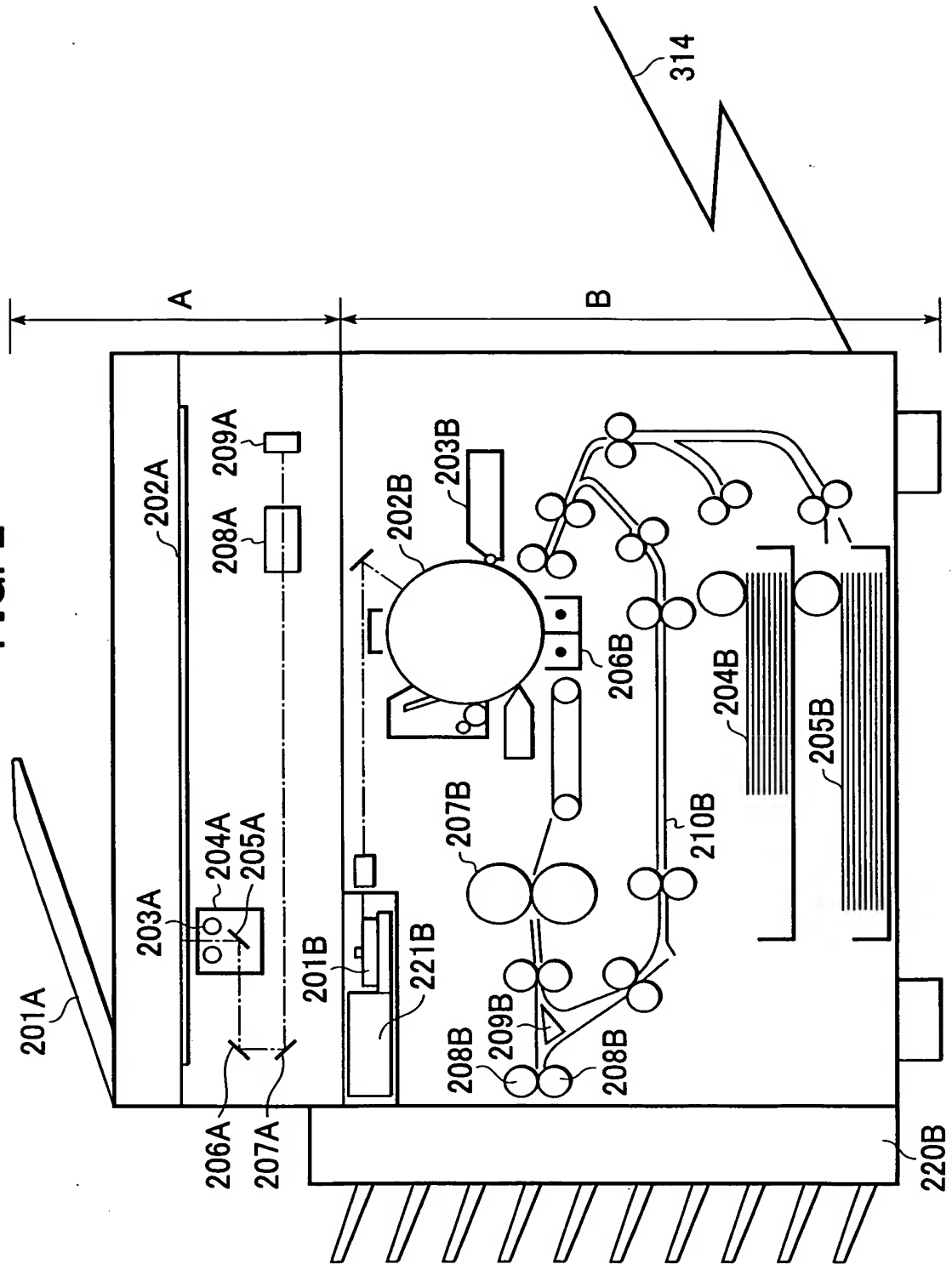


FIG. 3

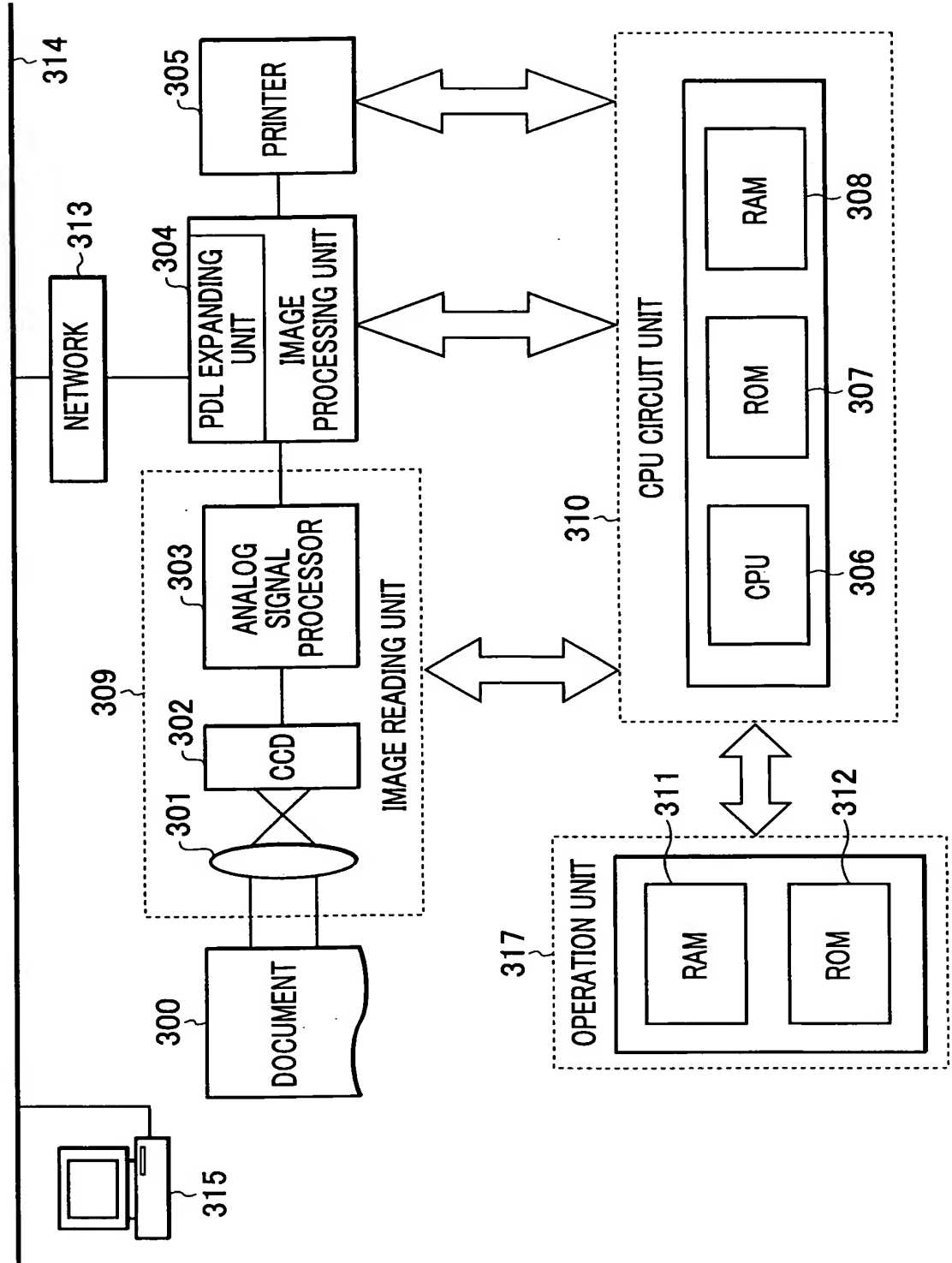


FIG. 4

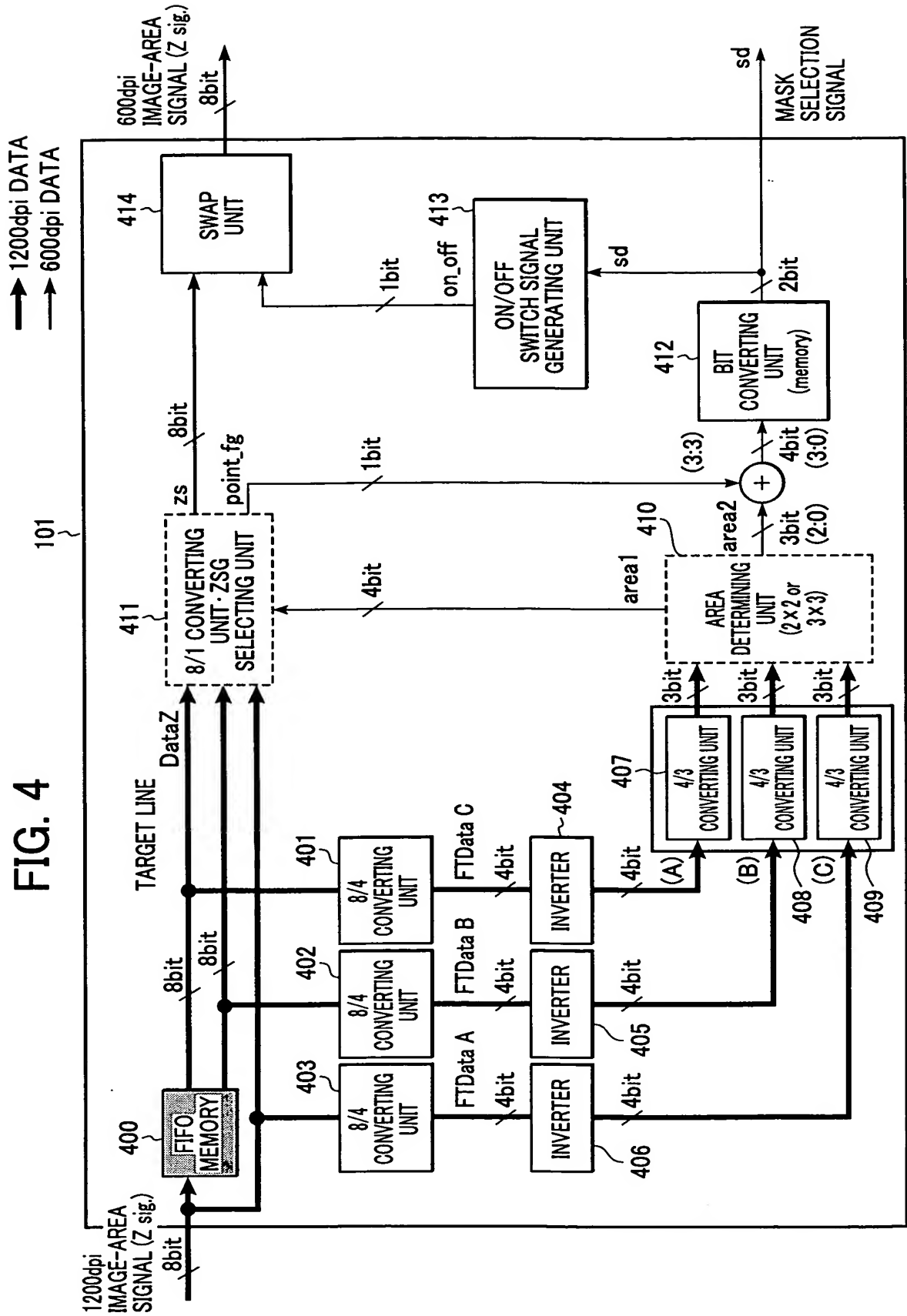


FIG. 5

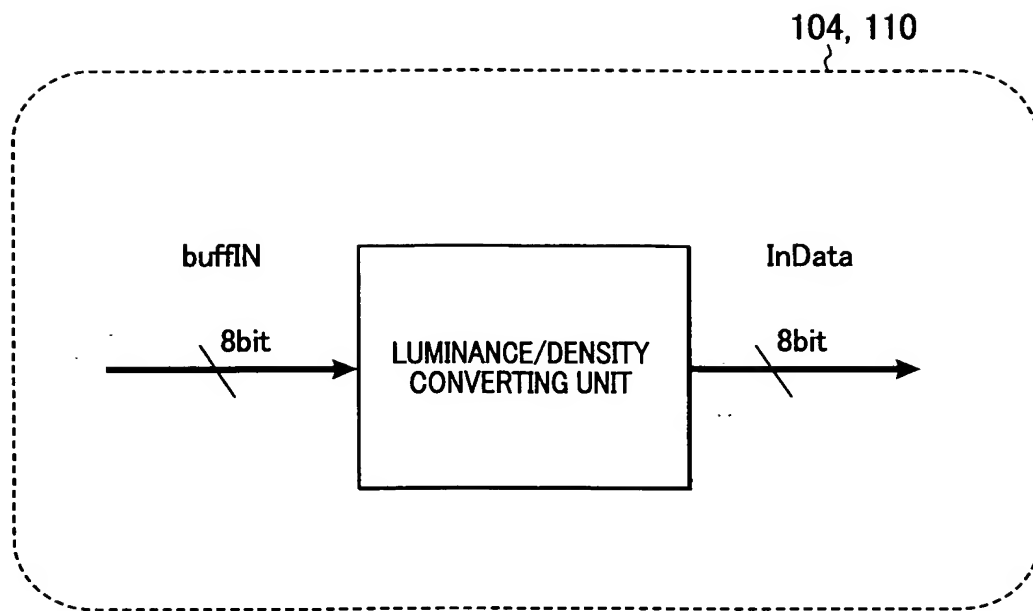


FIG. 6A

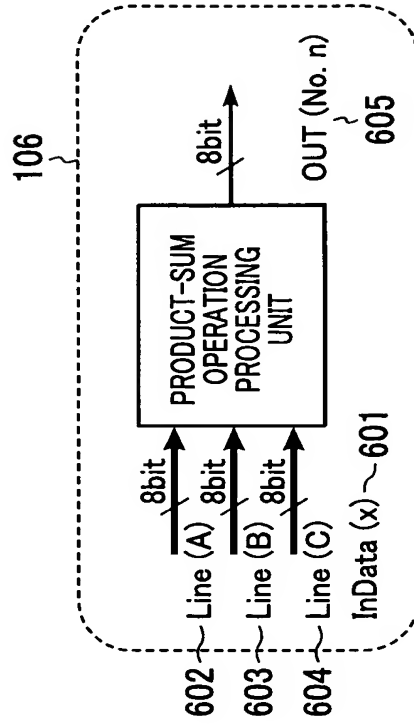


FIG. 6B

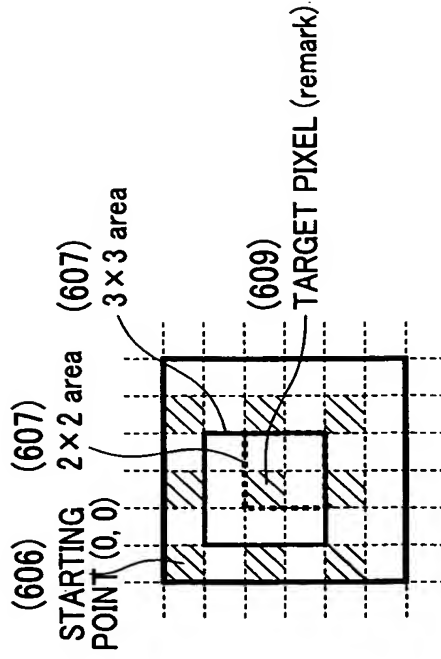


FIG. 6C

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$$OUT = \frac{a \cdot x(i-1, j-1) + b \cdot x(i, j-1) + c \cdot x(i+1, j-1)}{+ d \cdot x(i-1, j) + e \cdot x(i, j) + f \cdot x(i+1, j)} + \frac{g \cdot x(i-1, j+1) + h \cdot x(i, j+1) + i \cdot x(i+1, j+1)}{6}$$

if (OUT > 255) OUT = 255 ;

each team (under line) : 14bits

x : IMAGE DATA (8 BITS)

a-i : MASK REGISTER 6 BITS

total : 18bits

last (out) : 8bits

a	b	c
d	e	f
g	h	i

MASK REGISTER (611)

X(i-1, j-1)	X(i, j-1)	X(i+1, j-1)
X(i-1, j)	X(i, j)	X(i+1, j)
X(i-1, j+1)	X(i, j+1)	X(i+1, j+1)

IMAGE DATA (612)

FIG. 7

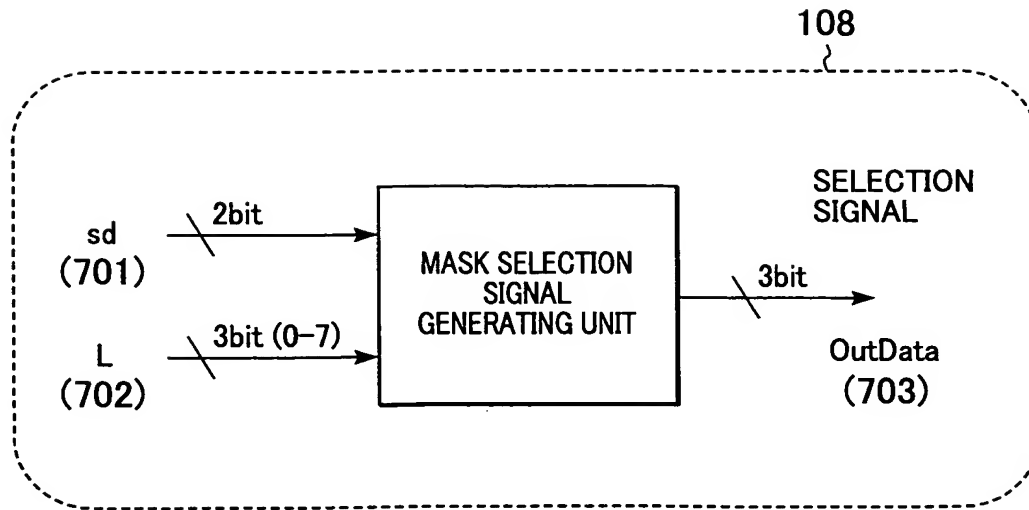


FIG. 8

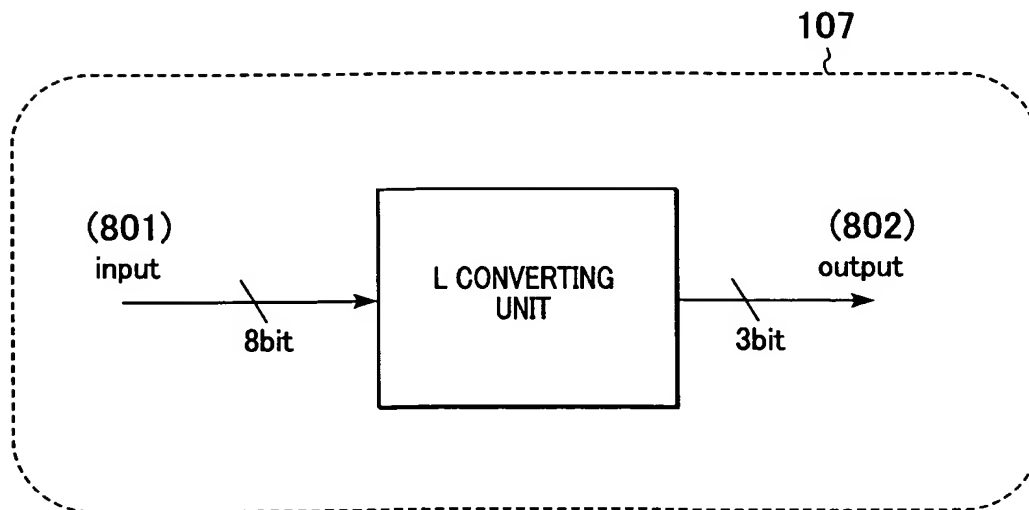


FIG. 9A

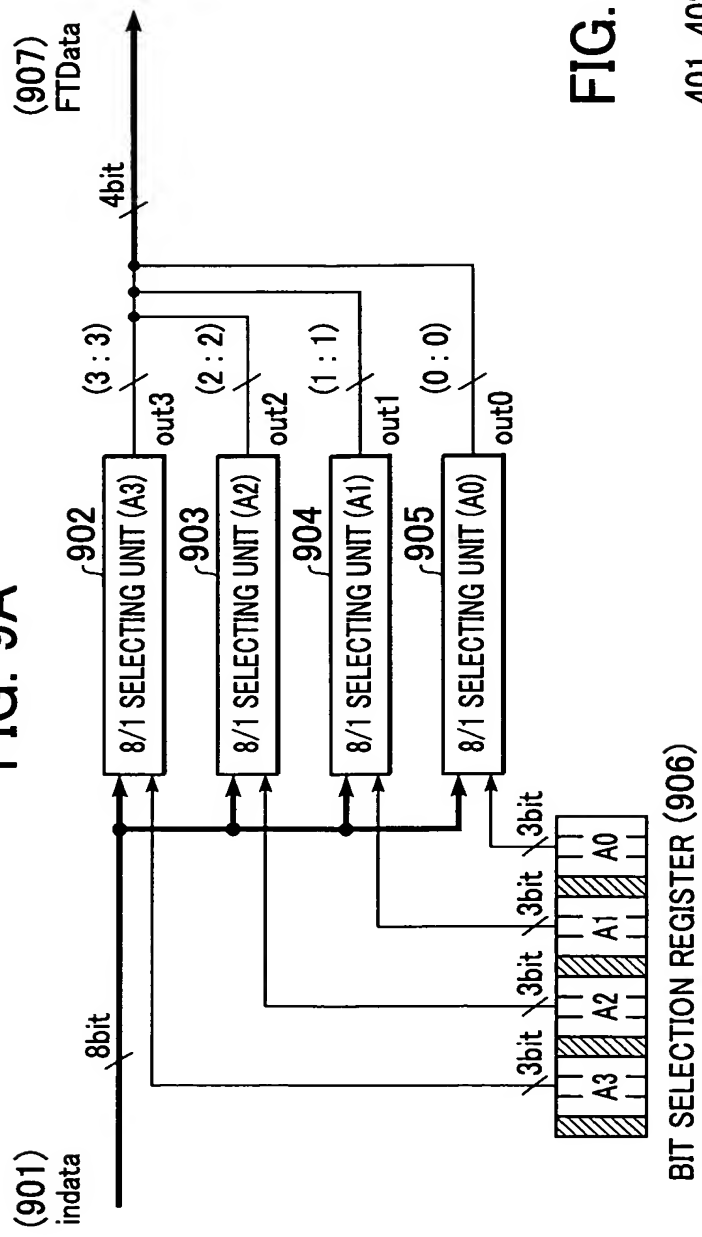


FIG. 9B

401, 402, 403

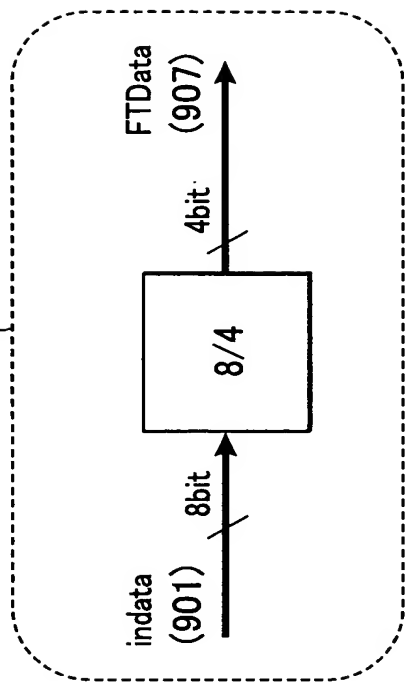




FIG. 10A

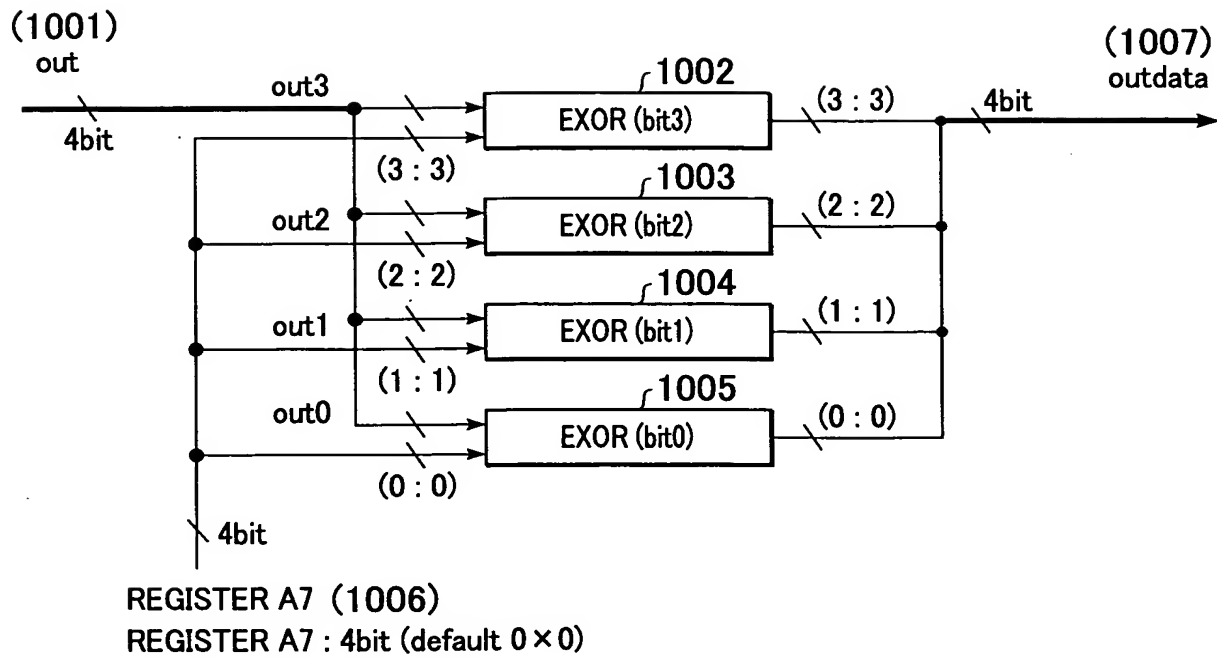
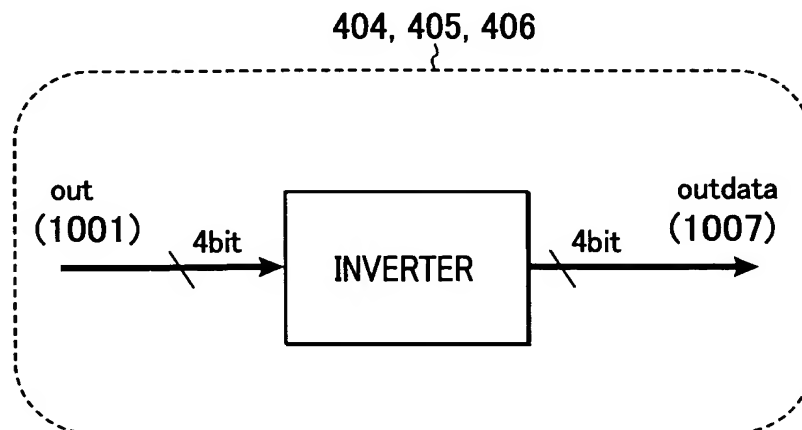
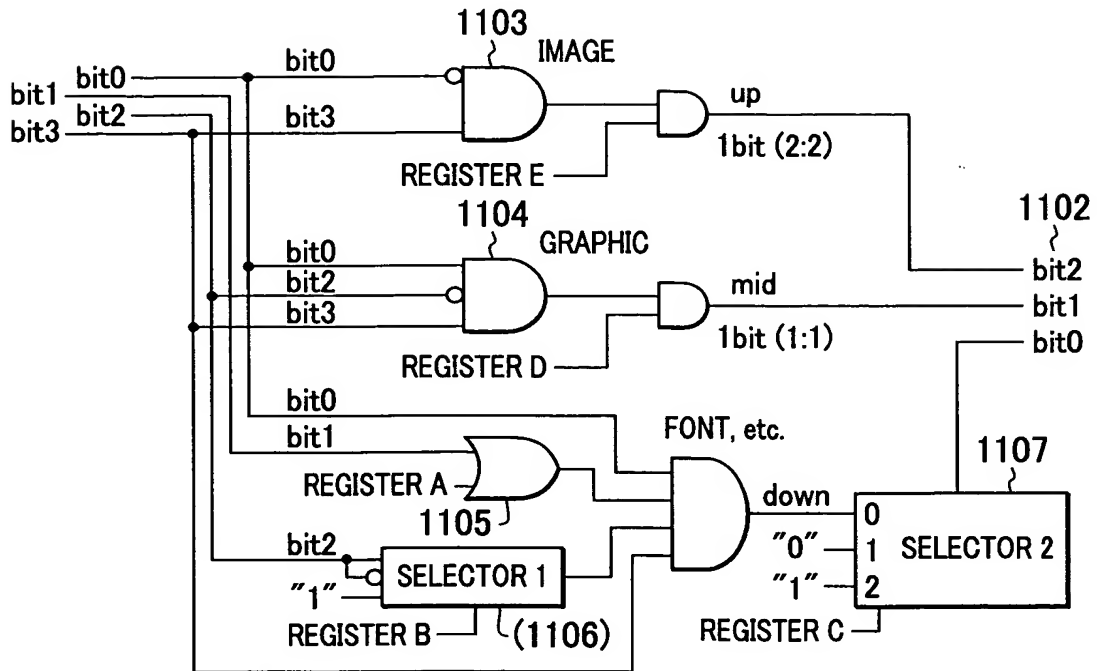


FIG. 10B



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FIG. 11A



REGISTER A : 1 BIT (DEFAULT 0×1)  
 REGISTER B : 2 BITS (DEFAULT 0×0)  
 REGISTER C : 2 BITS (DEFAULT 0×0)  
 REGISTER D : 1 BIT (DEFAULT 0×1)  
 REGISTER E : 1 BIT (DEFAULT 0×1)

FIG. 11B

407, 408, 409

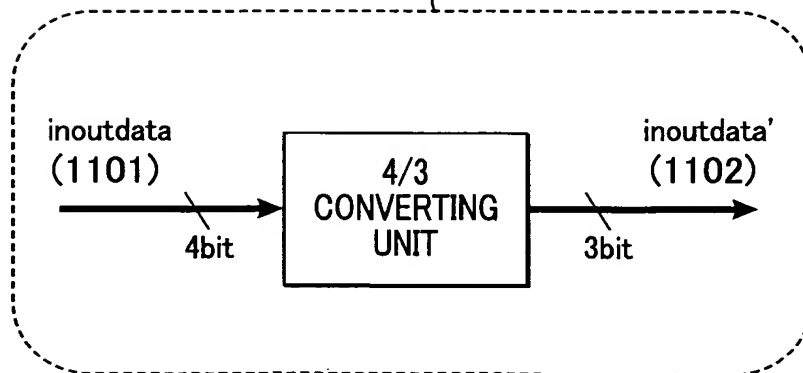


FIG. 12A

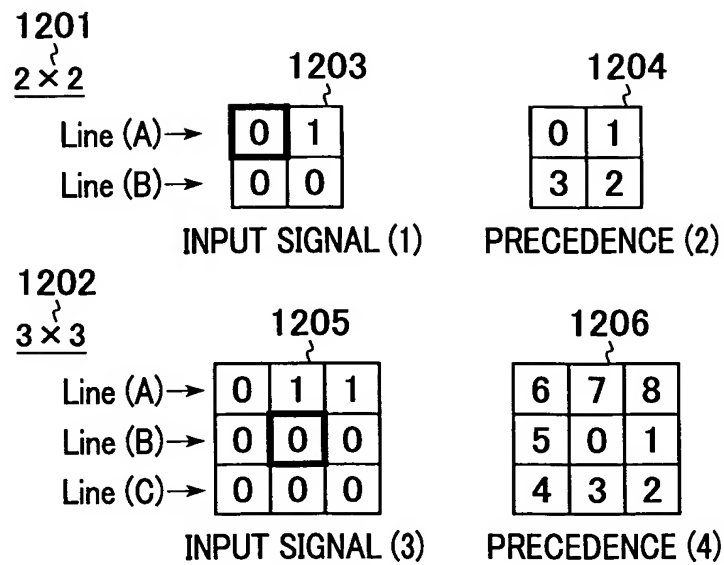


FIG. 12B

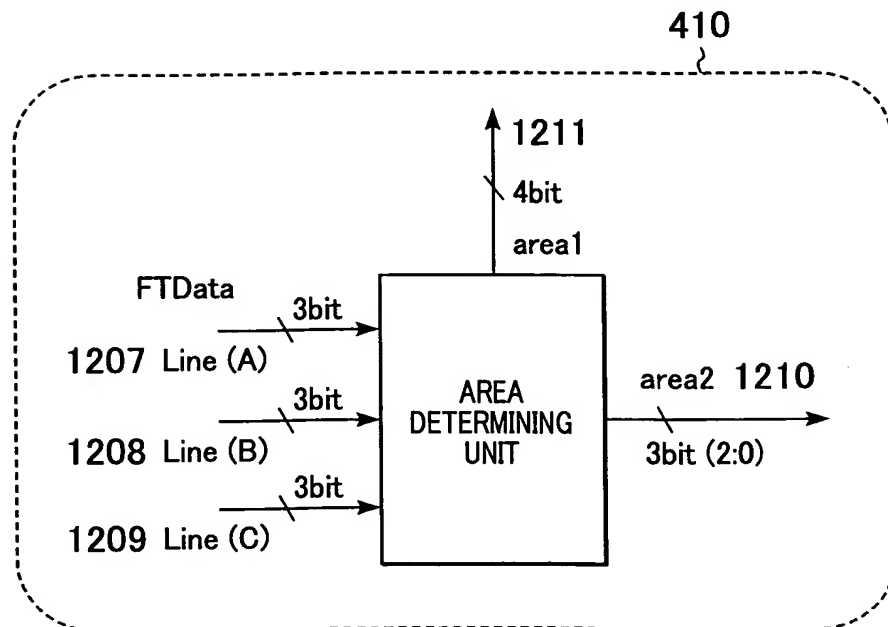


FIG. 13A

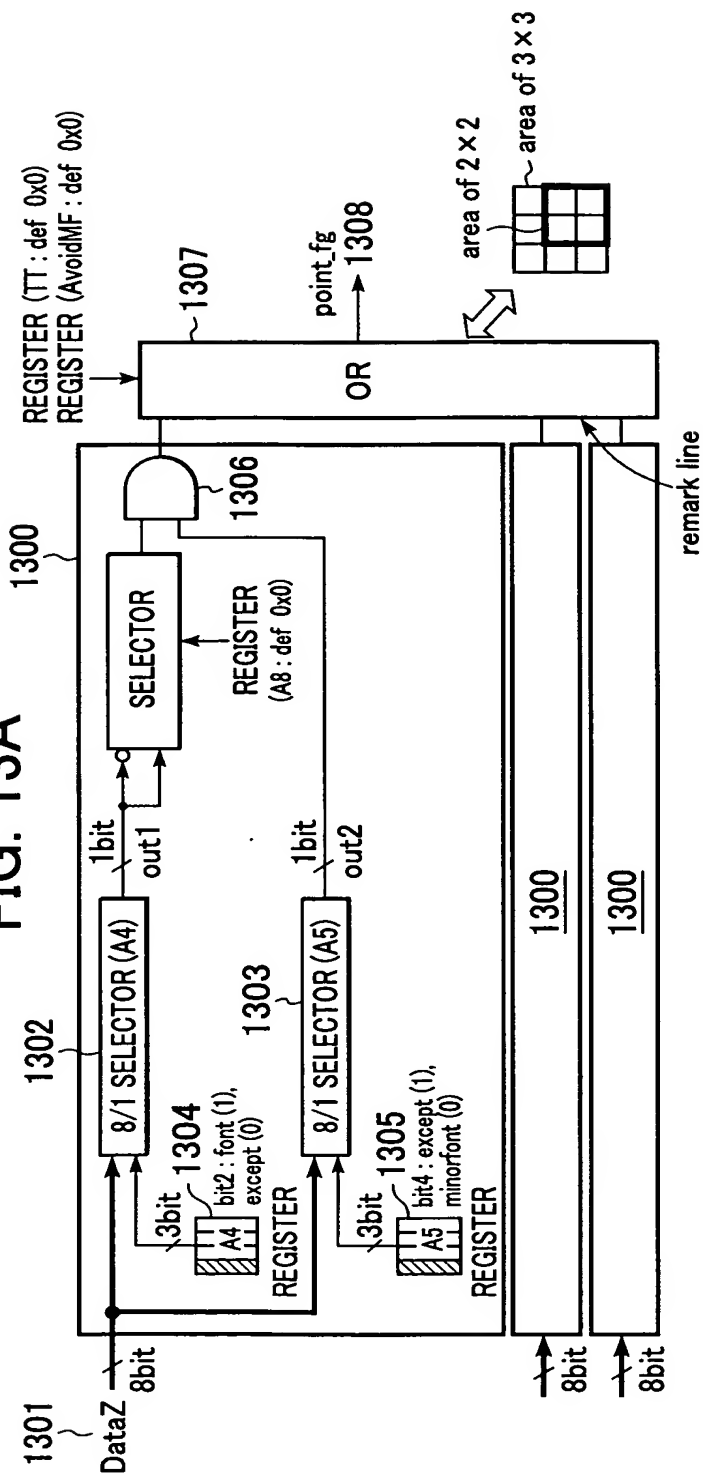


FIG. 13C

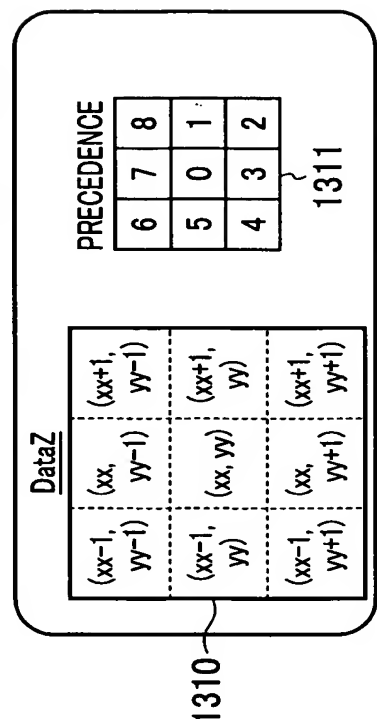


FIG. 13B

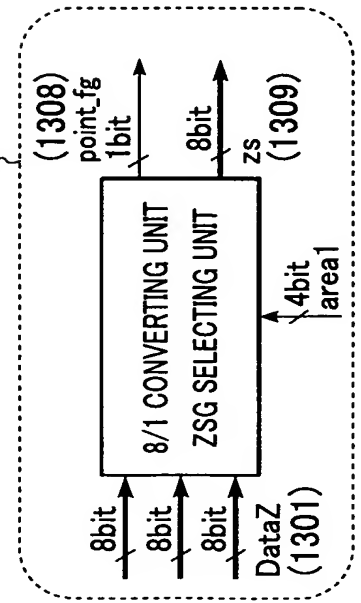


FIG. 14A

1401	1402	1403	1404	1405	1406
bit3	bit2	bit1	bit0	Table Set	
minor font/line	image	graphic	font/graphic/image	input	output
0	0	0	0	0	2
0	0	0	1	1	3
0	0	1	0	2	1
0	0	1	1	3	3
0	1	0	0	4	3
0	1	0	1	5	3
0	1	1	0	6	3
0	1	1	1	7	3
1	0	0	0	8	2
1	0	0	1	9	2
1	0	1	0	10	2
1	0	1	1	11	2
1	1	0	0	12	2
1	1	0	1	13	2
1	1	1	0	14	2
1	1	1	1	15	2

No. 2	non (1407)
No. 3~7	font (1408)
No. 1	graphic (1409)
No. 3~7	font/graphic (1410)
No. 3~7	image (1411)
No. 3~7	font/image (1412)
No. 3~7	graphic/image (1413)
No. 3~7	font/graphic/image (1414)
No. 2	non (1415)
No. 2	minor font (1416)
No. 2	minor graphic (1417)
No. 2	minor font/graphic (1418)
No. 2	minor image (1419)
No. 2	minor font/image (1420)
No. 2	minor graphic/image (1421)
No. 2	minor font/graphic (1422)

FIG. 14B

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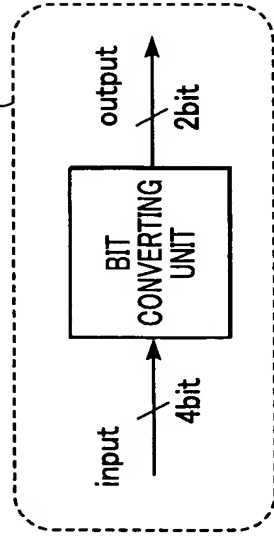


FIG. 15

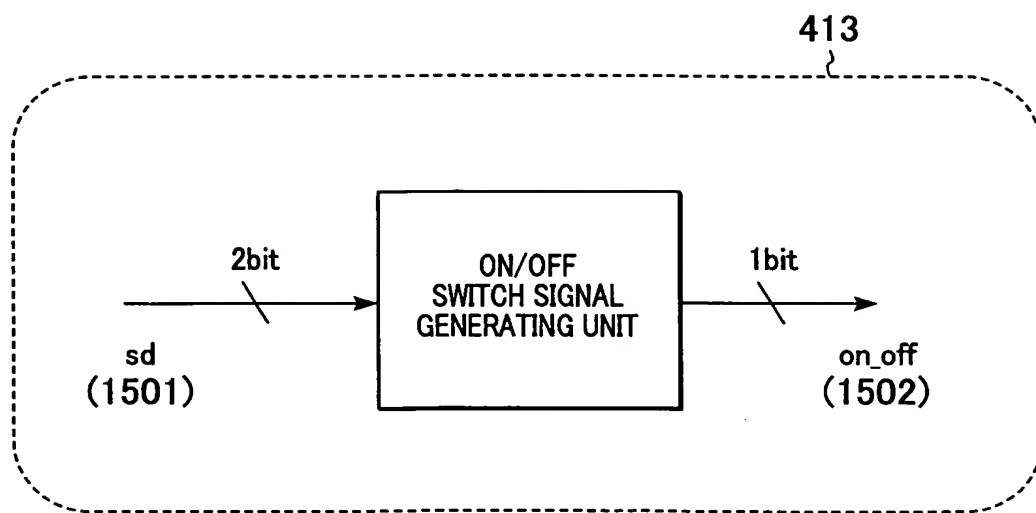


FIG. 16A

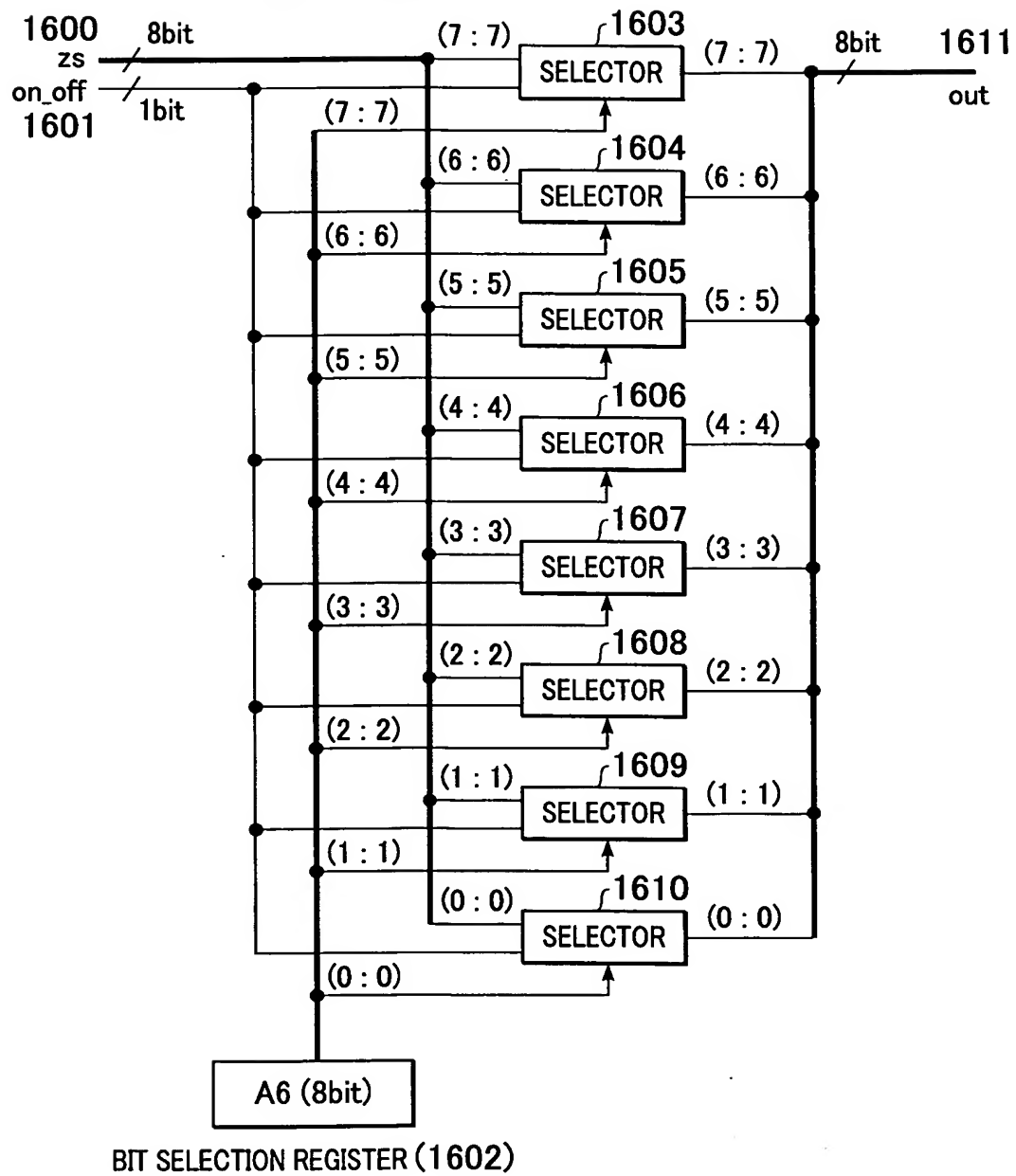


FIG. 16B

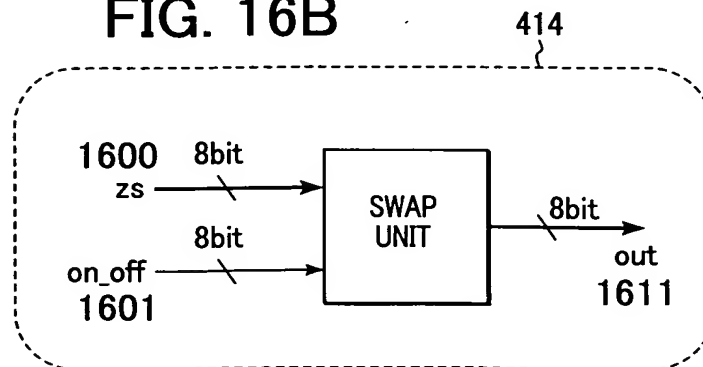


FIG. 17

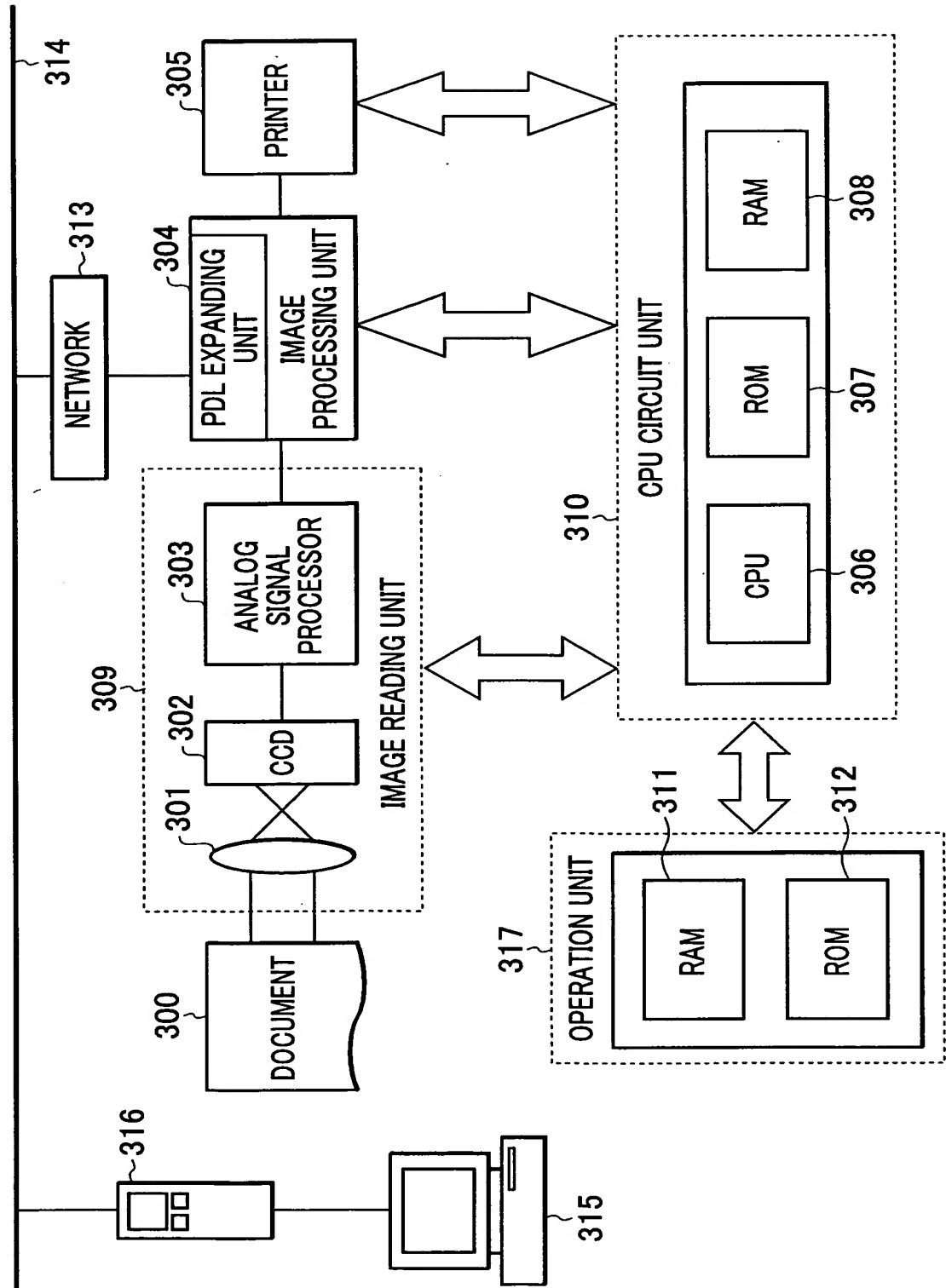




FIG. 18

no3

7	7	7
7	8	7
7	7	7

no4

6	6	6
6	16	6
6	6	6

no5

4	4	4
4	32	4
4	4	4

no6

2	2	2
2	48	2
2	2	2

no7

1	1	1
1	56	1
1	1	1